(54) Title: A CONTROL SYSTEM
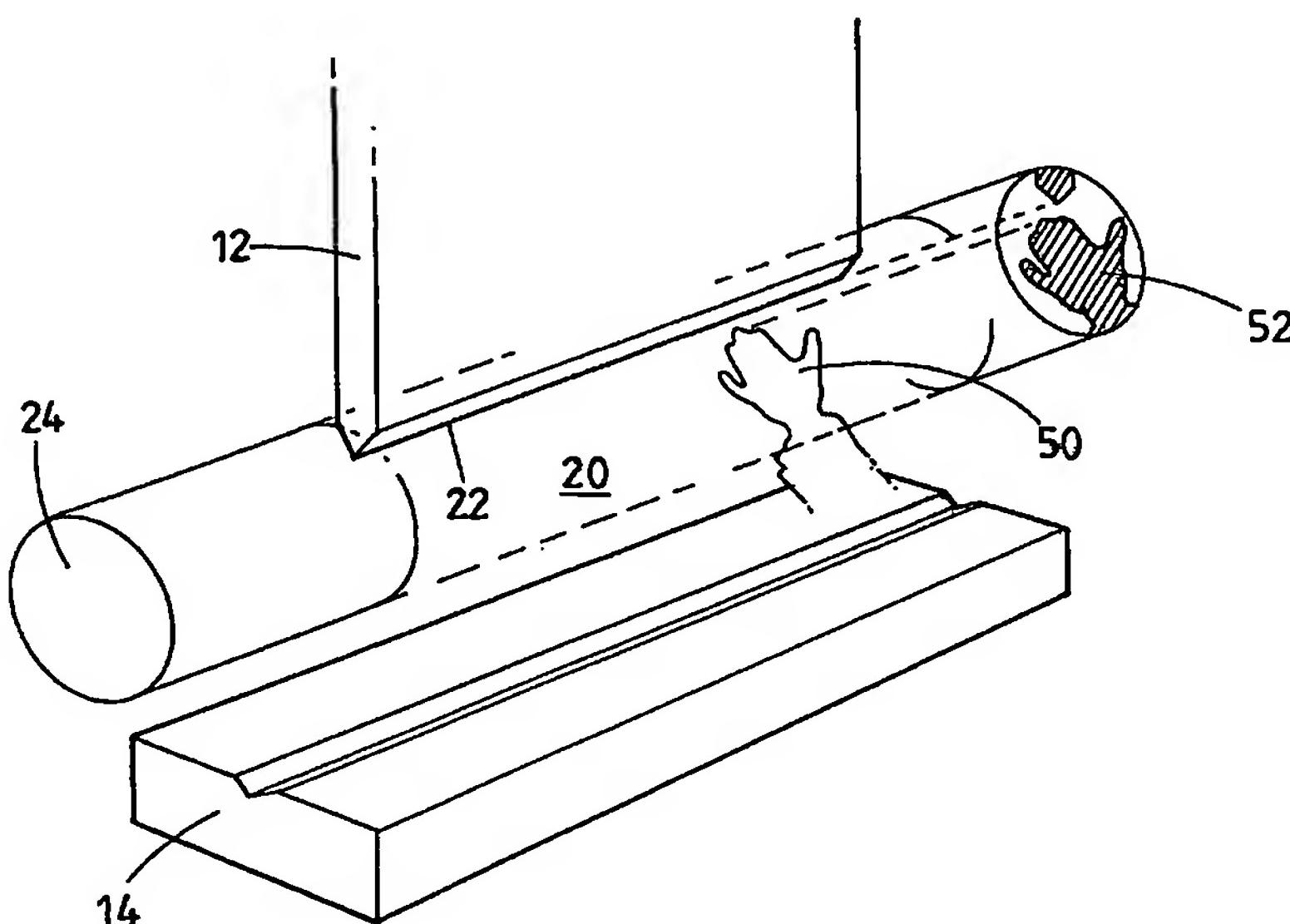
(57) Abstract: A control system for use with a machine having a moving tool arranged to move through a known path of movement. The control system includes a means for detecting the location of objects in or adjacent the path of the tool (12) and a processing and control means arranged to determine the distance between the objects in or adjacent the path of the tool and a leading edge (22) of the tool (12). The control system includes at least one mode of operation in which the processing and control means controls movement of the tool (12) such that the distance between the objects in or adjacent the path of the tool and the leading edge (22) of the tool (12) is maintained within minimum and maximum values.

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